

Nans Roques

List of Publications by Year in descending order

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1173
citing authors

#	ARTICLE	IF	CITATIONS
1	Controlled Growth of Ag Nanocrystals in a H-Bonded Open Framework. <i>Chemistry - A European Journal</i> , 2019, 25, 13705-13708.	3.3	3
2	Hydrogen-Bonded Open-Framework with Pyridyl-Decorated Channels: Straightforward Preparation and Insight into Its Affinity for Acidic Molecules in Solution. <i>Chemistry - A European Journal</i> , 2017, 23, 11818-11826.	3.3	16
3	Supramolecular open-framework architectures based on dicarboxylate H-bond acceptors and polytopic cations with three/four N-H donor units. <i>CrystEngComm</i> , 2015, 17, 8906-8914.	2.6	7
4	From ZIF-8@Al ₂ O ₃ Composites to Self-Supported ZIF-8 One-Dimensional Superstructures. <i>Crystal Growth and Design</i> , 2015, 15, 3552-3555.	3.0	22
5	A Robust Nanoporous Supramolecular Metal-Organic Framework Based on Ionic Hydrogen Bonds. <i>Chemistry - A European Journal</i> , 2014, 20, 11690-11694.	3.3	36
6	Extended H-bond networks based on guanidinium H-donors and [Zr(A) ₄] ⁴⁺ H-acceptor units: modulation of the assemblage and guest accessible volume by chemical design (A = oxalate,). <i>Tj ETQqO O O rgBT /Ovel lock 101# 50 537</i>		
7	Surface grafting of a dense and rigid coordination polymer based on tri-para-carboxy-polychlorotriphenylmethyl radical and copper acetate. <i>Journal of Materials Chemistry C</i> , 2013, 1, 793-800.	5.5	2
8	Efficient growth of sub-micrometric MOF crystals inside the channels of AAO membranes. <i>Journal of Materials Chemistry A</i> , 2013, 1, 3688.	10.3	14
9	Tetrahydrobenzoquinonate and Tetrachloranilate Zr(IV) Complexes: Single-Crystal-to-Single-Crystal Phase Transition and Open-Framework Behavior for K ₄ Zr(DBQ) ₄ . <i>Inorganic Chemistry</i> , 2013, 52, 11237-11243.	4.0	22
10	Versatile Chemical Transformations of Benzoxazole Based Ligands on Complexation with 3d-Metal Ions. <i>Inorganic Chemistry</i> , 2012, 51, 2588-2596.	4.0	11
11	Three-Dimensional Porous Metal-Radical Frameworks Based on Triphenylmethyl Radicals. <i>Chemistry - A European Journal</i> , 2012, 18, 152-162.	3.3	38
12	Self-Assembly of Zr(C ₂ O ₄) ₄ Metallotectons and Bisimidazolium Cations: Influence of the Dication on H-Bonded Framework Dimensionality and Material Potential Porosity. <i>Crystal Growth and Design</i> , 2011, 11, 5424-5433.	3.0	21
13	Novel Guests for Porous Columnar Thin Films: The Switchable Perchlorinated Trityl Radical Derivatives. <i>Langmuir</i> , 2011, 27, 5098-5106.	3.5	9
14	Three-Dimensional Open-Frameworks Based on Ln ^{III} Ions and Open/Closed-Shell PTM Ligands: Synthesis, Structure, Luminescence, and Magnetic Properties. <i>Chemistry - A European Journal</i> , 2011, 17, 3644-3656.	3.3	45
15	Dynamic Nuclear Polarization with Polychlorotriphenylmethyl Radicals: Supramolecular Polarization-Transfer Effects. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 3360-3362.	13.8	22
16	Tubular crystals growth for a nanoporous hydrogen-bonded metal-organic framework. <i>CrystEngComm</i> , 2010, 12, 3496.	2.6	24
17	Driving the Assembling of Zirconium Tetraoxalate Metallotectons and Benzimidazolium Cations: From Three Dimensional Hydrogen-Bonded Compact Architectures to Open-Frameworks. <i>Crystal Growth and Design</i> , 2010, 10, 4906-4919.	3.0	22
18	Metal-Radical Chains Based on Polychlorotriphenylmethyl Radicals: Synthesis, Structure, and Magnetic Properties. <i>Inorganic Chemistry</i> , 2010, 49, 3482-3488.	4.0	10

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19	Polychlorinated trityl radicals for dynamic nuclear polarization: the role of chlorine nuclei. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 5824.	2.8	20
20	Magnetic and Porous Molecule-Based Materials. <i>Topics in Current Chemistry</i> , 2009, 293, 207-258.	4.0	54
21	Nanosized trigonal prismatic and antiprismatic CuII coordination cages based on tricarboxylate linkers. <i>Dalton Transactions</i> , 2008, , 1679.	3.3	15
22	Grafting of Monocarboxylic Substituted Polychlorotriphenylmethyl Radicals onto a COOH-Functionalized Self-Assembled Monolayer through Copper (II) Metal Ions. <i>Langmuir</i> , 2008, 24, 6640-6648.	3.5	54
23	A hexacarboxylic open-shell building block: synthesis, structure and magnetism of a three-dimensional metal-organic radical framework. <i>Journal of Materials Chemistry</i> , 2008, 18, 98-108.	6.7	30
24	A three-dimensional lanthanide-organic radical open-framework. <i>Chemical Communications</i> , 2008, , 3160.	4.1	32
25	Reactivity of Superoxide Anion Radical with a Perchlorotriphenylmethyl (Trityl) Radical. <i>Journal of Physical Chemistry B</i> , 2008, 112, 158-167.	2.6	39
26	Structural and Magnetic Modulation of a Purely Organic Open Framework by Selective Guest Inclusion. <i>Chemistry - A European Journal</i> , 2007, 13, 8153-8163.	3.3	41
27	Self-Assembled Monolayers of a Multifunctional Organic Radical. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 2215-2219.	13.8	56
28	Europium (III) complexes derived from carboxylic-substituted polychlorotriphenylmethyl radicals. <i>Inorganica Chimica Acta</i> , 2007, 360, 3861-3869.	2.4	10
29	Self-assembly of carboxylic substituted PTM radicals: From weak ferromagnetic interactions to robust porous magnets. <i>Polyhedron</i> , 2007, 26, 1934-1948.	2.2	17
30	Towards a better understanding of photo-excited spin alignment processes using silole diradicals. <i>New Journal of Chemistry</i> , 2006, 30, 1319-1326.	2.8	9
31	{2,5-Bis[3-(tert-butylaminoxyl)phenyl]-1,1-dimethyl-3,4-diphenylsilole-1,1-dioxy}bis(1,1,1,5,5,5-hexafluoropentane-2,4-dionato)manganese(II). <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006, 62, m386-m388.	0.4	0
32	Experimental and Theoretical Studies of Magnetic Exchange in Silole-Bridged Diradicals. <i>Chemistry - A European Journal</i> , 2006, 12, 5547-5562.	3.3	23
33	Three-Dimensional Six-Connecting Organic Building Blocks Based on Polychlorotriphenylmethyl Units: Synthesis, Self-Assembly, and Magnetic Properties. <i>Chemistry - A European Journal</i> , 2006, 12, 9238-9253.	3.3	36
34	Hydrogen-bonded self-assemblies in a polychlorotriphenylmethyl radical derivative substituted with six meta-carboxylic acid groups. <i>Chemical Communications</i> , 2005, , 4801.	4.1	22
35	The exploration of magnetic photo-excited states using organometallic spin couplers based on the silole ring. <i>Journal of Physics and Chemistry of Solids</i> , 2004, 65, 759-762.	4.0	12
36	Synthesis and Characterization of a New Organometallic Magnetic Coupler Based on the Silole Ring. <i>Organometallics</i> , 2003, 22, 4833-4835.	2.3	11